

## ABSTRACT

A method for producing high-molecular weight microspheres of the present invention includes the steps of dissolving or dispersing a  
5 high-molecular material in a high pressure fluid containing a supercritical fluid and an entrainer, and spraying the resultant high pressure fluid into a poor solvent to cause rapid expansion. According to the production method, high-molecular weight microspheres or coated  
10 microspheres whose average particle size can be controlled can be produced.